

<p style="text-align: center;">Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(Use as many sheets as necessary)</p>	<p style="text-align: right;"><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>09/903,457</td> </tr> <tr> <td>Filing Date</td> <td>July 10, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Kuriacose Joseph</td> </tr> <tr> <td>Group Art Unit</td> <td>3625</td> </tr> <tr> <td>Examiner Name</td> <td>Yogesh Garg</td> </tr> </table>	Application Number	09/903,457	Filing Date	July 10, 2001	First Named Inventor	Kuriacose Joseph	Group Art Unit	3625	Examiner Name	Yogesh Garg
Application Number	09/903,457										
Filing Date	July 10, 2001										
First Named Inventor	Kuriacose Joseph										
Group Art Unit	3625										
Examiner Name	Yogesh Garg										
Sheet 1 of 3	Attorney Docket No: 2050.001US6										

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-4,636,791	1/13/1987	Burke, Timothy M, et al.	3/6/1986
	US-4,652,944	3/24/1987	Tindall, Robert J	6/25/1984
	US-4,789,863	12/6/1988	Bush, Thomas A	1/13/1988
	US-4,866,515	9/12/1989	Tagawa, Koichi, et al.	1/26/1988
	US-5,109,414	4/28/1992	Harvey, John C, et al.	9/25/1990
	US-5,111,296	5/5/1992	Duffield, D. J., et al.	4/19/1990
	US-5,113,259	5/12/1992	Romesburg, Eric D, et al.	4/19/1990
	US-5,124,909	6/23/1992	Blakely, Frank W, et al.	10/31/1988
	US-5,262,860	11/16/1993	Fitzpatrick, Gregory P., et al.	4/23/1992
	US-5,469,206	11/21/1995	Strubbe, Hugo J, et al.	6/1/1993
	US-5,663,757	9/2/1997	Morales, Fernando	3/25/1991

FOREIGN PATENT DOCUMENTS

Examiner Initial *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T 1
	JP-05298337	11/12/1993	Mimura, H, et al.	
	JP-1221944	9/5/1989	Tsukasa, Y, et al.	
	JP-1316788	12/21/1989	Saburo, M	
	JP-6149574	5/27/1994	Hironori, M, et al.	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initial *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 1
	"Application Serial No. 09/672,523, Appeal Brief filed 11-17-10", 122 pgs	
	"Application Serial No. 09/672,523, Decision on Pre-Appeal Brief Request mailed 09-27-06", 2 pgs	
	"Application Serial No. 09/672,523, Decision on Pre-Appeal Brief Request mailed 10-26-09", 2 pgs	
	"Application Serial No. 09/672,523, Examiner's Answer to Appeal Brief mailed 01-12-11", 18 pgs	
	"Application Serial No. 09/672,523, Preliminary Amendment filed 10-06-00", 73 pgs	
	"Application Serial No. 09/903,091, Examiner Interview Summary mailed 02-15-07", 2 pgs	
	"Application Serial No. 09/903,091, Examiner Interview Summary mailed 11-10-10", 3 pgs	
	"Application Serial No. 09/903,091, Non Final Office Action mailed 02-02-11", 12 pgs	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	<i>Complete if Known</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>09/903,457</td> </tr> <tr> <td>Filing Date</td> <td>July 10, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Kuriacose Joseph</td> </tr> <tr> <td>Group Art Unit</td> <td>3625</td> </tr> <tr> <td>Examiner Name</td> <td>Yogesh Garg</td> </tr> </table>	Application Number	09/903,457	Filing Date	July 10, 2001	First Named Inventor	Kuriacose Joseph	Group Art Unit	3625	Examiner Name	Yogesh Garg
Application Number	09/903,457										
Filing Date	July 10, 2001										
First Named Inventor	Kuriacose Joseph										
Group Art Unit	3625										
Examiner Name	Yogesh Garg										
Sheet 2 of 3	Attorney Docket No: 2050.001US6										

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS		
Examiner Initial *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 1
	"Application Serial No. 09/903,091, Non-Final Office Action mailed 04-01-10", 15 pgs	
	"Application Serial No. 09/903,091, Response filed 09-01-10 to Non Final Office Action mailed 04-01-10", 16 pgs	
	"Application Serial No. 09/903,448, Examiner Interview Summary mailed 06-29-10", 3 pgs	
	"Application Serial No. 09/903,448, Final Office Action mailed 04-30-10", 23 pgs	
	"Application Serial No. 09/903,448, Non Final Office Action mailed 01-06-12", 12 pgs	
	"Application Serial No. 09/903,448, Non Final Office Action mailed 06-09-11", 9 pgs	
	"Application Serial No. 09/903,448, Response filed 07-30-10 to Final Office Action mailed 04-30-10", 24 pgs	
	"Application Serial No. 09/903,448, Response filed 10-11-11 to Non Final Office Action mailed 06-09-11", 16 pgs	
	"Chinese Application Serial No. 200610093448.8, Response filed 12-22-2008 to Office Action mailed 08-22-008", 38 pgs	
	"Chinese Application Serial No. 031029655, Chinese Office Action mailed 01-13-06", 5 pgs	
	"Chinese Application Serial No. 031029655, Response filed 05-22-06 to Office Action mailed 01-13-06", 12 pgs	
	"Chinese Application Serial No. 200610093448.8, Office Action mailed 07-01-10", 6 Pgs	
	"Chinese Application Serial No. 200610093448.8, Office Action Response filed 08-19-10", 8 pgs	
	"Chinese Application Serial No. 200610093448.8, Response filed 08-30-2009 to Office Action mailed 05-15-2009", 9 pgs	
	"Chinese Application Serial No. 200610101903.4, Office Action mailed 02-01-11", 9 pgs	
	"Chinese Application Serial No. 200610101903.4, Office Action Response", 4 pgs	
	"Chinese Application Serial No. 200610101903.4, Response filed 01-05-10 to Office Action mailed 08-21-09", 9 pgs	
	"Chinese Application Serial No. 200610101903.4, Response filed 04-15-11 to Office Action mailed 02-01-11", 11pgs	
	"European Application Serial No. 03002720.5, Summons to Attend Oral Proceedings Received mailed 06-18-10", 9 pgs	
	"European Application Serial No.03002721.3, Office Action mailed 02-03-11", 6 pgs	
	"Japanese Application Serial No. 2009-101935 - Office Action Response", 3 pgs.	
	"Japanese Application Serial No. 2009-101935, Appeal Decision Received 6/22/11", 40 pgs	
	"Japanese Application Serial No. 2009-101935, Final Office Action mailed 04-20-10", 4 Pgs	
	"Japanese Application Serial No. 2009-101935, Office Action mailed 11-24-10", 9 pgs	
	"Japanese Application Serial No. 2009-101935, Response filed 02-25-2010 to Non Final Office Action mailed 11-17-2009", 6 pgs	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	<i>Complete if Known</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>09/903,457</td> </tr> <tr> <td>Filing Date</td> <td>July 10, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Kuriacose Joseph</td> </tr> <tr> <td>Group Art Unit</td> <td>3625</td> </tr> <tr> <td>Examiner Name</td> <td>Yogesh Garg</td> </tr> </table>	Application Number	09/903,457	Filing Date	July 10, 2001	First Named Inventor	Kuriacose Joseph	Group Art Unit	3625	Examiner Name	Yogesh Garg
Application Number	09/903,457										
Filing Date	July 10, 2001										
First Named Inventor	Kuriacose Joseph										
Group Art Unit	3625										
Examiner Name	Yogesh Garg										
Sheet 3 of 3	Attorney Docket No: 2050.001US6										

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS		
Examiner Initial *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 1
	"Japanese Application Serial No. 2009-10935, Response filed 08-24-2010 to Final Office Action mailed 04-20-2010", 9 pgs	
	"Japanese Application Serial No. 2010-185225, Final Office Action mailed 08-23-11", w/ English Translation, 5 pgs	
	"Japanese Application Serial No. 2010-185225, Office Action mailed 02-15-11", 8 pgs	
	"Japanese Application Serial No. 2010-185225, Office Action Response Filed 6/14/11", 11 pgs	
	"Japanese Application Serial No. 98882/1995, Japanese Office Action mailed 07-05-05", 5 pgs	
	"Japanese Application Serial No. 98882/1995, Response filed 01-05-06 to Office Action mailed 07-05-05", 7 pgs	
	"Japanese Application Serial No. 98882/1995, Response filed 04-20-09 to Office Action mailed 11-18-08", 37 pgs	
	"Japanese Application Serial No. 98882/1995, Response filed 11-16-09 to Office Action mailed 08-05-09", 10 pgs	
	KURODA, TORU, "The basics of digital technology in broadcasting (9th), images of ISDB services and basic techniques therefor", HNK Technical Research Report, No. 45, NHK Science and Technology Research Laboratories, Japan, (October 1, 1993), 10-15	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached